

**WHAT IS CLAIMED IS:**

1           1.       A method of establishing an interface between a service and an application  
2 comprising:  
3           providing a framework, the framework interfacing directly to the service and the  
4           framework directly interfacing to the application;  
5           registering the service with the framework; and  
6           providing service information from the framework to the application.

1           2.       The method of establishing an interface between a service and an application  
2 of claim 1 further comprising:  
3           providing a configuration file from the service to the framework.

1           3.       The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file is written in an extensible markup language.

1           4.       The method of establishing an interface between a service and an application  
2 of claim 2 wherein the framework processes the configuration file as part of the registering of  
3 the service.

1           5.       The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1           6.       The method of establishing an interface between a service and an application  
2 of claim 2 wherein the configuration file further comprises:  
3           predefined user interfaces;  
4           a list of target applications that are supported;  
5           a list of transformations that are supported; and  
6           a list of application specific handlers.

1           7.       The method of establishing an interface between a service and an application  
2 of claim 6 wherein the configuration file is written in an extensible markup language.

1           8.       The method of establishing an interface between a service and an application  
2 of claim 6 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1           9.       A system of establishing an interface between a service and an application  
2 comprised of:  
3           a framework interfacing directly to the service and the application, wherein the  
4           framework  
5           registers the service, and  
6           provides service information to the application.

1           10.      The system of establishing an interface between a service and an application  
2 of claim 9 wherein the service provides a configuration file to the framework.

1           11.      The system of establishing an interface between a service and an application  
2 of claim 10 wherein the configuration file is written in an extensible markup language.

1           12.      The system of establishing an interface between a service and an application  
2 of claim 10 wherein the configuration file is further comprised of extensible style-sheet  
3 markup language transformation files.

1           13.      The system of establishing an interface between a service and an application  
2 of claim 10 wherein the framework processes the configuration file as part of the registering  
3 of the service.

1           14.      The system of establishing an interface between a service and an application  
2 of claim 10 wherein the service provides a configuration file to the framework, wherein the  
3 configuration file further comprises of:  
4           predefined user interfaces;  
5           a list of target applications that are supported;  
6           a list of transformations that are supported; and  
7           a list of application specific handlers.

1           15. The system of establishing an interface between a service and an  
2 application of claim 14 wherein the configuration file is written in an extensible  
3 markup language.

1           16. The system of establishing an interface between a service and an  
2 application of claim 14 wherein the configuration file is further comprised of  
3 extensible style-sheet markup language transformation files.

1           17. A computer system comprising:  
2 a processor;  
3 a computer;  
4 computer readable medium coupled to the processor; and  
5 computer code encoded in the computer readable medium, configured to cause the  
6 processor to:  
7 providing a framework, the framework interfaced directly to a service and the  
8 framework directly interfacing to an application;  
9 registering the service to the framework; and  
10 providing service information from the framework to the application.

1           18. The computer system of claim 17 wherein the computer code is further  
2 configured to cause the processor to:  
3 provide a configuration file from the service to the framework.

1           19. The computer system of claim 18 wherein the configuration file is written in  
2 an extensible markup language.

1           20. The computer system of claim 18 wherein the framework process the  
2 configuration file as part of registering the service.

1           21. The computer system of claim 18 wherein the configuration file is further  
2 comprised of extensible style-sheet markup language transformation files.

1           22.    The computer system of claim 18 wherein the configuration file further  
2 comprises:  
3           predefined user interfaces;  
4           a list of target applications that are supported;  
5           a list of transformations that are supported; and  
6           a list of application specific handlers.

1           23.    The computer system of claim 18 wherein the configuration file is written in  
2 an extensible markup language.

1           24.    The computer system of claim 18 wherein the configuration file is further  
2 comprised of extensible style-sheet markup language transformation files.

1           25.    An apparatus for establishing an interface between a service and an  
2 application comprising:  
3           means for providing a framework, the framework interfacing directly to the service  
4           and the framework directly interfacing to the application;  
5           means for registering the service with the framework; and  
6           means for providing service information from the framework to the application.

1           26.    The apparatus of claim 25 further comprising:  
2 means for providing a configuration file from the service to the framework.

1           27.    The apparatus of claim 26 wherein  
2 the configuration file is written in an extensible markup language.

1           28.    The apparatus of claim 26 wherein  
2 the framework processes the configuration file as part of the means for registering the  
3 service with the framework.

1           29.    The apparatus of claim 26 wherein  
2 the configuration file is further comprised of extensible style-sheet markup language  
3 transformation files.

1 30. The apparatus of claim 26 wherein the configuration file further comprises:  
2 predefined user interfaces;  
3 a list of target applications that are supported;  
4 a list of transformations that are supported; and  
5 a list of application specific handlers.

1 31. The apparatus of claim 26 wherein the configuration file is written in an  
2 extensible markup language.

1 32. The apparatus of claim 26 wherein the configuration file is further comprised  
2 of extensible style-sheet markup language transformation files.

1 33. A computer program product encoded in computer readable media, the  
2 computer program product comprising:  
3 a first set of instructions, executable on a computer system, configured to provide a  
4 framework, the framework interfacing directly to the service and the  
5 framework directly interfacing to the application;  
6 a second set of instructions, executable on the computer system, configured to register  
7 the service with the framework; and  
8 a third set of instructions, executable on the computer system, configured to provide  
9 service information from the framework to the application.

1 34. The computer program product of claim 33 further comprising:  
2 a fourth set of instructions, executable on the computer system, configured to  
3 provide a configuration file from the service to the framework.

1 35. The computer program product of claim 34 wherein the configuration file is  
2 written in an extensible markup language.

1 36. The computer program product of claim 34 wherein the framework processes  
2 the configuration file as part of the second set of instructions.

1           37.     The computer program product of claim 34 wherein the configuration file is  
2 further comprised of extensible style-sheet markup language transformation files.

1           38.     The computer program product of claim 34 wherein the configuration file  
2 further comprises of:  
3           predefined user interfaces;  
4           a list of target applications that are supported;  
5           a list of transformations that are supported; and  
6           a list of application specific handlers.

1           39.     The computer program product of claim 38 wherein the configuration file is  
2 written in an extensible markup language.

1           40.     The computer program product of claim 38 wherein the configuration file is  
2 further comprised of:  
3           extensible style-sheet markup language transformation files.